

For Research Use Only

# PCDH24 Polyclonal antibody

Catalog Number: 27103-1-AP

1 Publications



## Basic Information

Catalog Number:

27103-1-AP

Size:

800 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG25840

GenBank Accession Number:

BC130282

GeneID (NCBI):

54825

UNIPROT ID:

Q9BYE9

Full Name:

protocadherin 24

Calculated MW:

1310 aa, 142 kDa

Observed MW:

140-150 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:200-1:1000

IHC 1:2000-1:8000

## Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB, IHC

Species Specificity:

human, mouse

Cited Species:

human

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

Positive Controls:

WB : mouse liver tissue,

IHC : human kidney tissue, human liver tissue, human small intestine tissue, mouse small intestine tissue

## Background Information

Protocadherin-24 (PCDH24, also known as CDHR2 and protocadherin LKC) was originally identified as a novel member of the human non-classical cadherin family. PCDH24 may play a role in cell-cell adhesion and contact inhibition in epithelial cells. PCDH24 expression is markedly reduced in cancers derived from liver and colon tissues, indicating that PCDH24 may play a role as a tumor suppressor protein (PMID: 23115611). The calculated molecular weight of PCDH24 is 142 kDa.

## Notable Publications

Author	Pubmed ID	Journal	Application
Xuechao Li	34532265	Transl Androl Urol	WB,IHC

## Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

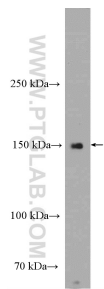
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

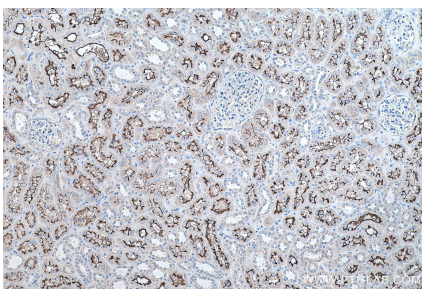
W: [ptgcn.com](http://ptgcn.com)

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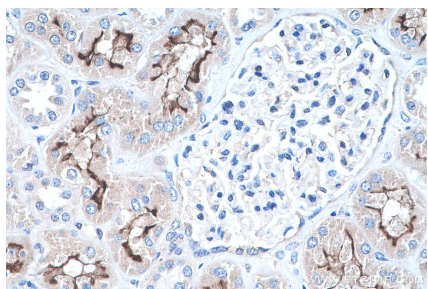
Selected Validation Data



mouse liver tissue were subjected to SDS PAGE followed by western blot with 27103-1-AP (PCDH24 Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 27103-1-AP (PCDH24 antibody) at dilution of 1:4000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 27103-1-AP (PCDH24 antibody) at dilution of 1:4000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).